

Title (en)  
HOLDING APPARATUS, ASSEMBLY SYSTEM, SPUTTERING APPARATUS, MACHINING METHOD AND MACHINING APPARATUS

Title (de)  
HALTEVORRICHTUNG, MONTAGESYSTEM, SPATTERVORRICHTUNG, BEARBEITUNGSVERFAHREN UND BEARBEITUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE MAINTIEN, SYSTÈME D'ASSEMBLAGE, APPAREIL DE VAPORISATION ET PROCÉDÉ ET DISPOSITIF D'USINAGE

Publication  
**EP 1944122 A4 20140730 (EN)**

Application  
**EP 06796794 A 20060825**

Priority

- JP 2006316721 W 20060825
- JP 2005245439 A 20050826

Abstract (en)  
[origin: EP1944122A1] Because an electromagnetic chuck (20) supplies current to a specific microcoil among a plurality of microcoils (MC) and makes an object (M) exert an electromagnetic force working together with a magnet of the object (M), the object (M) can be held in a state where the object is set at a desired position (a position that corresponds to the microcoil to which current has been supplied) on a base surface. Further, by gas that blows out from a gas supply passage (42), a levitation force is given to the object (M), which can reduce effects of a friction force that acts between the object (M) and an upper surface of the electromagnetic chuck when the position of the object is set.

IPC 8 full level  
**B23Q 3/15** (2006.01); **B23K 1/00** (2006.01); **B25B 11/00** (2006.01); **B81C 3/00** (2006.01); **C23C 14/04** (2006.01); **C23C 14/34** (2006.01); **C23C 14/50** (2006.01); **H01F 7/20** (2006.01)

CPC (source: EP KR)  
**B23K 11/04** (2013.01 - EP); **B23K 11/18** (2013.01 - EP); **B23Q 3/15** (2013.01 - KR); **B25B 11/002** (2013.01 - EP); **B81C 3/00** (2013.01 - KR); **B81C 3/008** (2013.01 - EP); **C23C 14/04** (2013.01 - EP); **C23C 14/34** (2013.01 - KR); **C23C 14/50** (2013.01 - EP); **H01F 7/206** (2013.01 - EP); **H01L 21/67709** (2013.01 - EP); **B23K 2101/38** (2018.07 - EP); **B23K 2103/12** (2018.07 - EP)

Citation (search report)

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Citation (examination)

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DOCDB simple family (publication)  
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